

Focus Area 1: Access to Quality Health Services

Objective 1-9a calls for reduction in the pediatric asthma hospitalization rate to 17.3 per 10,000 population under age 18 years.

Hospital discharge data indicate a statistically significant decline in the age-adjusted rate for hospitalizations with a principal diagnosis of asthma (ICD-9-CM code 493) from 17.7 per 10,000 population under 18 in 2000 to 12.1 per 10,000 in 2005 (Figure 1-9a, Table 1-9a). Statewide rates were significantly below the HP2010 target, and this objective is being achieved for the total population under age 18 (all races, both sexes).

The asthma hospitalization rate for males under 18 years of age significantly declined from 22.0 per 10,000 males in 2000 to 15.0 per 10,000 in 2005. Asthma hospitalization rates for females were significantly lower than rates for males, and declined significantly from 13.2 per 10,000 females in 2000 to 9.0 per 10,000 in 2005). The HP2010 objective is being met for both males and females under 18 as of 2005.

Examined by race and ethnicity, the highest pediatric asthma hospitalization rates were found for Blacks/African Americans (significant decline from 55.1 per 10,000 population under 18 in 2000 to 32.8 per 10,000 in 2005). The next highest asthma hospitalization rates were found for Whites (significant decline from 15.8 per 10,000 in 2000 to 10.8 per 10,000 in 2005), followed closely by Hispanics/Latinos (significant decline from 14.2 per 10,000 in 2000 to 10.7 per 10,000 in 2005). This HP2010 objective is being achieved for all racial and ethnic populations in California except for Blacks/African Americans as of 2005.

For more information on asthma, visit the California Asthma Public Health Initiative Web site at:

<http://www.dhs.ca.gov/ps/cdic/caphi/default.htm>

For more information on pediatric asthma hospitalizations, also see:

<http://www.oshpd.ca.gov/HQAD/Outcomes/PQI/PQIReport.pdf>

For more information on Healthy People 2010 objective 1-9a, please visit:

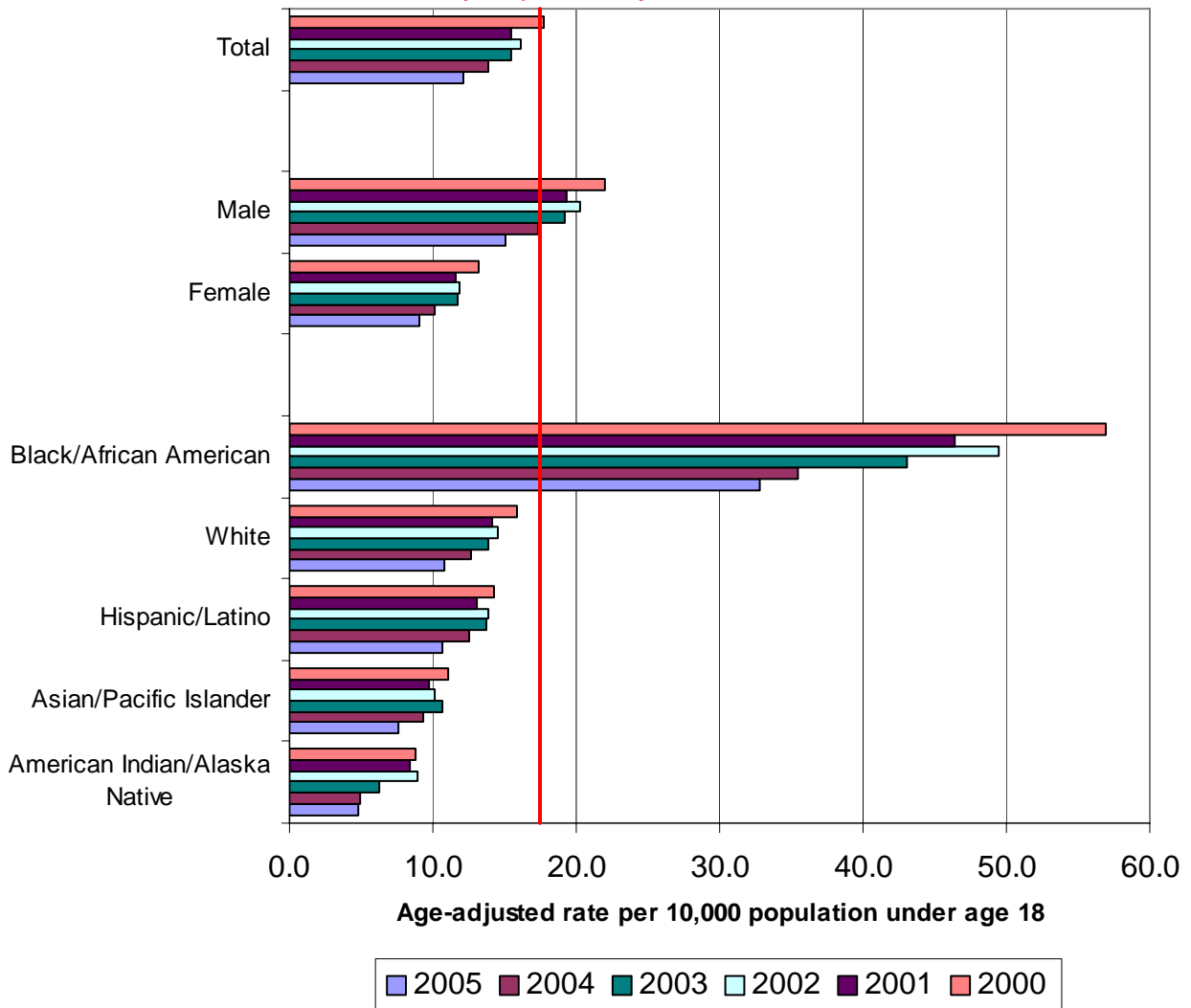
http://www.healthypeople.gov/Document/HTML/Volume1/01Access.htm#_Toc489432815

and

<http://www.healthypeople.gov/Document/html/tracking/od01.htm#clinicalprev>

Figure 1-9a
Pediatric Asthma Hospitalization Rates
Among Persons Under Age 18
California, 2000-2005

Healthy People 2010 Objective = 17.3



**Table 1-9a: Pediatric Asthma Hospitalization Rates Among Persons Under Age 18
California, 2000-2005**

Objective 1-9a	2000		Lower C.I.	Upper C.I.	2001		Lower C.I.	Upper C.I.
	N	Rate ¹			N	Rate ¹		
Healthy People 2010 Target		17.3				17.3		
Statewide Total	16,474	17.7	17.4	18.0	14,481	15.5	15.3	15.8
Race-Ethnicity								
American Indian/Alaska Native	43	8.8	6.2	11.4	41	8.4	5.8	11.0
Asian/Pacific Islander	974	11.1	10.4	11.8	853	9.7	9.0	10.3
Black/African American	3,725	56.9	55.1	58.7	3,013	46.4	44.8	48.1
Hispanic/Latino	6,059	14.2	13.8	14.6	5,696	13.1	12.8	13.4
White	4,973	15.8	15.4	16.3	4,294	14.1	13.7	14.5
Gender								
Female	5,969	13.2	12.8	13.5	5,279	11.6	11.3	11.9
Male	10,504	22.0	21.6	22.4	9,201	19.3	18.9	19.7

Objective 1-9a	2002		Lower C.I.	Upper C.I.	2003		Lower C.I.	Upper C.I.
	N	Rate ¹			N	Rate ¹		
Healthy People 2010 Target		17.3				17.3		
Statewide Total	15,117	16.1	15.9	16.4	14,708	15.5	15.3	15.8
Race-Ethnicity								
American Indian/Alaska Native	44	8.9	6.3	11.6	31	6.2	4.0	8.4
Asian/Pacific Islander	894	10.1	9.5	10.8	954	10.7	10.0	11.3
Black/African American	3,167	49.5	47.8	51.2	2,808	43.0	41.4	44.6
Hispanic/Latino	6,079	13.8	13.4	14.1	6,177	13.7	13.4	14.1
White	4,340	14.5	14.1	15.0	4,174	13.9	13.5	14.3
Gender								
Female	5,434	11.9	11.5	12.2	5,402	11.7	11.4	12.0
Male	9,683	20.2	19.8	20.6	9,305	19.2	18.8	19.6

Objective 1-9a	2004		Lower C.I.	Upper C.I.	2005		Lower C.I.	Upper C.I.
	N	Rate ¹			N	Rate ¹		
Healthy People 2010 Target		17.3				17.3		
Statewide Total	13,133	13.8	13.6	14.0	11,558	12.1	11.9	12.3
Race-Ethnicity								
American Indian/Alaska Native	27	4.9	3.0	6.7	30	4.8	3.1	6.6
Asian/Pacific Islander	847	9.3	8.7	10.0	700	7.6	7.0	8.2
Black/African American	2,275	35.5	34.0	36.9	2,121	32.8	31.4	34.2
Hispanic/Latino	5,735	12.5	12.2	12.8	4,986	10.7	10.4	11.0
White	3,712	12.6	12.2	13.0	3,165	10.8	10.4	11.2
Gender								
Female	4,710	10.1	9.8	10.4	4,207	9.0	8.7	9.3
Male	8,423	17.3	17.0	17.7	7,351	15.0	14.7	15.4

SOURCES: Office of Statewide Health Planning and Development, Patient Discharge Data, 2000-2005;
CA Department of Finance, Demographic Research Unit, *Population Projections by Race/
Ethnicity for California and Its Counties 2000-2050*, May 2004.

NOTES: * ICD-9-CM code 493 as a Principal Diagnosis in the hospital discharge record.

¹ Age-adjusted rate per 10,000 population under age 18.